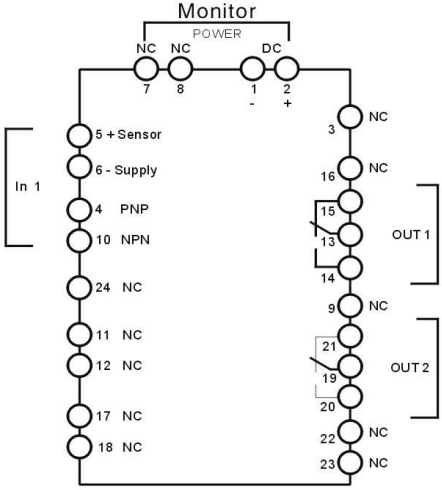


SM1002 Speed / Frequency Monitor DIN rail mounting Two relays output Programmable No external frequency test		
Applications		Equipment period for frequency, rotation rate, speed ,and pulse.
Adjusting range(Rotation rate/Frequency)		1...60000RPM / 1...2200HZ
Rated voltage[V]		24 V DC
Voltage tolerance[%]		10%
Contact loading		8A (1250 VA/250 V AC)
Power consumption[VA]		5/3W
Pulse output		PNP/NPN Supply voltage: 24 V DC / 15mA Switch point for PNP sensor: >12 V On; < 5V Off Switch point for NPN sensor: >15 V On; < 5V Off Input frequency (Max.): 5kHz Corresponding min. pulse period / interval 0.1ms
Accuracy of the frequency measurement		<1%
Switching function		Two actuate points required by the range of monitoring low speed / high speed
Max. relative air humidity[%]		75 (35°C)
Operating temperature[°C]		-20...+60/4...+140
Storage temperature[°C]		-25...80/-13...+176
Protection Housing / Terminals		IP50 / IP20
Housing material		PBT+GF
Display	Switching State LED	Green (Light on under actuation of relay)
	Input signal LED	Red
	Function LED	LCD Display; 7/14 Segment
Connection		Dual-chamber terminals
Dimensions[mm]		

Wiring		
Connection notice	1.DC Supply voltage (L-) 2.DC Supply voltage (L+) 3.NC 4.Sensor signal PNP 5.DC Sensor supply (L+) 6.DC Sensor supply (L-) 7.NC 8.NC 9.NC 10.Sensor signal NPN 11.NC 12.NC	13.Relay 1 (center contact) 14.Relay 1 (operating contact) 15.Relay 1 (NC contact) 16.NC 17.NC 18.NC 19.Relay 2 (center contact) 20.Relay 2 (operating contact) 21.Relay 2 (NC contact) 22.NC 23.NC 24.NC